



## ABSTRACT OF THE DISCLOSURE

~~A centralized power distribution unit for a vehicular thin brushless motor includes a plurality of bus bars and a resin insulating layer that covers the bus bars. The bus bars are disposed correspondingly with phases of the motor. Each of the bus bars has a terminal portion to be connected to a battery and one or more tabs to be connected respectively to one or more windings of a stator. Each of the bus bars is shaped into a substantially annular shape by bending a molded material in a thickness direction. The molded material is obtained by stamping out a conductive metal plate into a strip like shape. Diameters of the annular shapes of the bus bars are set to be different from one another depending on the corresponding phase of the motor. The bus bars are stacked in a radial direction of the centralized power distribution unit, mutually separated by a predetermined gap.~~ To produce bus bars, a conductive metal plate is stamped out into a plurality of strips simultaneously by press molding. Each strip has a tab having an L-shaped cross-section defined by a curved section and a distal end. The plurality of strips are bent in a thickness direction to obtain a plurality of rings, respectively. The rings are mutually different in diameter and have substantially the same center. The L-shaped tab of each of the rings is disposed such that the distal end of each tab is disposed substantially at a same distance from the center.